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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/925,504	08/10/2001	Youichi Itaki	Q65789	4993

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SUGHRUE, MION, ZINN, MACPEAK & SEAS
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EXAMINER
MENGISTU, AMARE

ART UNIT	PAPER NUMBER
2673	

DATE MAILED: 01/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/925,504

Applicant(s)

ITAKI ET AL.

Examiner

Amare Mengistu

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 24 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>8/13/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 2-9,11-15-18,20,24 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujiwara et al** (2001/0013843 A1) In view of **Suzuki et al** (6,195,068) and **Corley** (5,077,154).

As to claims 2-9,11,15-18, 20,24 **Fujiwara et al** discloses an image display device including a master display unit (figs. 2 and 3 (11), page 3, col.2, [0052]), equipped with a generation unit configured to generate a first basic picture (figs.2 and 3 master display (11); screen (20); page 3, col.1 [0044], [0045]); and a slave display unit (figs.2 and 3 (12-14), page 3, col2 [0053]) including a second picture display unit and a second on screen display unit (figs.2 and 3 a slave display (12-14); screen (20); page 3, col.1 [0044], [0045]) that display a plurality of pictures coinciding position on a projection screen (20), the master display unit (11) generates an on screen picture (page 3, col.1, [0044]), the data corresponding to the master display unit are transmitted to the first, second and third slave display unit (fig.2,3 master(11), slave (12,13,14)). It

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would be obvious to one skill in the art to recognize that one can select one of the display units as a master or a slave in case of malfunction.

Fujiwara et al is silent that the master display unit to generate on screen picture that is overwritten on said first basic picture. **Suzuki et al** is cited to teach that it is well known for a master display unit (fig.14 (100)) to generate on screen picture (fig.14fig.14 (104)) that is overwritten on a first basic picture (fig.14 (102)).

Therefore, it would have been obvious to one skill in the art at the time of the invention was made to have been motivated to combine the teachings of overlapping on screen picture on a first basic picture as taught by **Suzuki et al** with the projecting system of **Fujiwara et al** because this will allow the user to project two different images by super imposing together to provide special effect.

Fujiwara et al has failed to teach that the slave display unit equipped with an erase unit, which erases the portion of the image in a display region. However, the patent of **Corley** is cited to teach that it is well known of a slave display unit to have an erase unit to erase/shading portion of the image (see, fig.1 [O], col.1, lines 23-32) and the erase portion is black/shading in black (see, figs.2b [24], 3b).

Therefore, it would have been obvious to one skill in the art at the time of the invention was made to have used erasing portion of the image as taught by **Corley** into the slave display device of **Fujiwara et al**, since this will allow the user to have the ability to mask an wanted portion of the image not to be seen by others.

As to claims 10 and 19, it is obvious that when the second picture is not displayed (zero), only the first on screen picture will be displayed.

As to claims 12-14, 21-23, it is well known for an image projection to have an adjustment menu for a picture and color using a remote control or other type of means.


Response to Arguments

2. Applicant's arguments with respect to claims 2-23 have been considered but are moot in view of the new ground(s) of rejection.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Amare Mengistu whose telephone number is (703) 305-4880. The examiner can normally be reached on M-F, T-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on (703) 305-4938. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9600.


Amare Mengistu
Primary Examiner
Art Unit 2673

A.M
January 8 2005